

In a safety razor a blade unit (1) is mounted on a carrying structure (2) for pivotal movement, and a delivery system (25,32,44) for conducting from a reservoir (21) a fluid, e.g. a lubricating fluid, which is to be applied to the skin during shaving, discharges the fluid at a port (45) which opens at or close to the pivot axis. The delivery system incorporates a valve (22,24) to control the supply of fluid to the blade unit (1) and the blade unit carrying structure (2) is coupled to the valve for the valve to be actuated in response to the blade unit (1) being pressed against the skin during shaving. The blade unit carrying structure (2) is connected to a support structure (35) by a hinged coupling (36) and the valve is operated by a hinged movement of the blade unit carrying structure (2).